

With the Medical Officer of Health's Compliments.



Ebbw Vale Urban District Council.

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# REPORT

of the

Medical Officer of Health

and

School Medical Officer

for the Year 1943.

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**Ebbw Vale Urban District Council.**

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# **R E P O R T**

**of the**

**Medical Officer of Health**

**and**

**School Medical Officer**

**for the Year 1943.**

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## Ebbw Vale Urban District Council.

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Rateable Value ...	...	...	...	£130,753
Area of District...	...	...	...	6.817 acres
Population (Census)	...	...	...	
Population (Estimated)	...	...	...	
Population (Estimated) 1943	...	...	...	
Population (Estimated) for Birth and Death Rate	...	...	...	
Birth Rate per 1,000 Inhabitants	...	...	...	20'25
Birth Rate per 1,000 Inhabitants, 1942	...	...	...	19'1
Number of Living Births	...	...	...	588
Illegitimate Births	...	...	...	19
Death Rate per 1,000 Inhabitants	...	...	...	11'85
Number of Deaths	...	...	...	344
Zymotic Death Rate	...	...	...	0'13
Infant Death Rate per 1,000 Births	...	...	...	49'32
Infant Death Rate per 1,000 Births, 1942	...	...	...	47'37
Phthisis Death Rate per 1,000 Inhabitants	...	...	...	0'79

## EBBW VALE URBAN DISTRICT COUNCIL.

Chairman - - Councillor D. Warren, J.P.

Vice-Chairman - - Councillor E. Williams.

### Members of the Council.

Councillor F. Bird	Councillor E. M. Honeyfield, J.P.
„ J. G. Bush	„ E. Harries
„ J. Cool	„ E. Lewis
„ H. Cottam	„ J. Norton
„ W. Darby	„ T. Nicholas
„ A. Davies	„ A. Protheroe
„ Alfred Davies	„ J. O'Sullivan
„ H. Davies (deceased)	„ H. Sewell (left district)
„ T. Edwards	„ T. Thomas, M.B.E.
„ S. Gale	„ A. Thomas
Clerk to the Council - -	R. E. Herbert, Esq.
Deputy Clerk to the Council -	Mr. H. Williams (Solicitor)
Chief Financial Officer -	Mr. W. Hicks, F.I.M.T.A., A.S.A.A.
Engineer, Surveyor & Architect -	Mr. J. M. Smith, F.R.I.B.A., M.INST. M. & CY.E., A.M.I.STRUCT.E.

### Health Committee.

Chairman - - Councillor J. Cool.

Medical Officer of Health—

F. M. Fonseca, F.R.C.S.I., D.P.H.

Chief Sanitary Inspector—

David Davies, C.R.S.I., M. & O.F.I., M.S.I.A.

Assistant Sanitary Inspector—

E. T. Hall, CERT.S.I.B., M. & O.F.I., M.S.I.A.

Clerk to the M.O.H.—

Miss G. G. Owen

Miss I. Aubrey.

**ANNUAL REPORT**  
**of the**  
**MEDICAL OFFICER OF HEALTH**  
**to the**  
**Ebbw Vale Urban District Council**  
**for the Year 1943.**

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**To the Chairman and Members of the**  
**Ebbw Vale Urban District Council.**

Madam and Gentlemen,

I have the honour of submitting to you my Report for the year 1943. It is made in accordance with the Memorandum of the Ministry of Health.

The area of the Ebbw Vale Urban District is 6,817 acres, with an estimated population of—

The population given by the Registrar-General for 1943 for calculating Birth and Death Rate, as well as other figures supplied are not to be published. This is requested by the Ministry of Health.

These returns of Births and Deaths as submitted will be used for calculating purposes. The figures do not quite correspond with those of the weekly returns of the Local Registrar.

**Births.**

The general Birth Rate is 20·25, as against 19·1 for 1942 and 16·5 for England and Wales. In 1943, the male rate was 10·33, the female being 9·92, while in 1942 these birth rates were 10·47 and 8·63 respectively.

**Deaths.**

The general Death Rate is 11'85, 6'34 being males and 5'51 being females, while for England and Wales the annual death rate is 12'1. In 1942 the male rate was 7'09, the female being 4'62.

# Causes of Death in Ebbw Vale Urban District 1943.

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			M	F
	All Causes ...	...	184	160
1	Typhoid and Paratyphoid Fever	...	0	0
2	Cerebro-spinal Fever	...	0	0
3	Scarlet Fever	...	0	0
4	Whooping Cough	...	0	0
5	Diphtheria	...	1	0
6	Tuberculosis of Respiratory Sys.	...	6	12
7	Other Forms of Tuberculosis	...	5	0
8	Syphilitic Diseases	...	0	0
9	Influenza	...	4	6
10	Measles	...	0	0
11	Ac. Polio-myel. and Polio-enceph	...	1	0
12	Ac. Inf. Enceph	...	1	0
13	Cancer of buc. cav. and (M) uterus (F)	...	2	6
14	Cancer of stomach and duodenum	...	8	5
15	Cancer of breast	...	0	4
16	Cancer of all other sites	...	23	9
17	Diabetes	...	2	3
18	Intra-cranial vascular lesions	...	10	16
19	Heart disease	...	32	28
20	Other disease of circ. system	...	1	3
21	Bronchitis	...	18	6
22	Pneumonia	...	15	8
23	Other resp. dis.	...	6	5
24	Ulcer of stomach or duodenum	...	1	0
25	Diarrhœa under two years	...	2	1
26	Appendicitis	...	2	1
27	Other digve. dis.	...	3	5
28	Nephritis	...	5	8
29	Puer. and post-abort. sepsis	...	0	1
30	Other maternal causes	...	0	1
31	Prem. birth	...	7	4



			M	F
32	Con Mal. birth inj. infant dis.	...	1	3
33	Suicide	... ..	0	1
34	Road traffic accident	...	3	1
35	Other violent causes	...	6	1
36	All other causes	...	20	22

The Statistical rates of Births and Deaths for the County of Monmouth for the year 1943 are as follows :—

Live Birth Rate per 1,000 of population	...	18'6
Still-birth Rate per 1,000 of population	...	0'7
Death Rate per 1,000 of population	...	11'39
Infantile Mortality per 1,000 live births	...	44'95

#### Maternal Mortality Rates—

	Puerperal		Total
	Sepsis	Others	
Per 1,000 Total Births (live and still)	0'8	1'2	2'0

# Causes of Death—Local Returns

Diseases	Males	Females	All Causes	Under 1 year	1—2 years	2—3 "	3—4 "	4—5 "	5—10 "	10—15 "	15—20 "	20—35 "	35—45 "	45—65 "	Over 65 "
1 Typhoid and Para-typhoid Fevers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Cerebro-Spinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Diphtheria ...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...
6 Tuberculosis of Respiratory Organs ...	6	12	18	...	...	...	...	...	...	2	2	6	4	3	1
7 Other Tuberculous Diseases	4	...	4	...	...	...	1	...	1	...	...	2	...	...	...
8 Syphilitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Influenza ...	...	2	2	...	...	...	...	...	...	...	...	...	...	1	1
10 Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 Ac Polio-myel and Polio-encephalitis ...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...
12 Ac Inf. Encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer of buc cav & oesoph (M) uterus (F)	...	3	3	...	...	...	...	...	...	...	...	...	...	2	1
14 Cancer of Stomach and duodenum ...	7	3	10	...	...	...	...	...	...	...	...	...	...	5	5



# Causes of Death—Distribution of Wards

Diseases	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Typhoid and Para-typhoid Fevers ...	...	...	...	...	...	...	...
2 Cerebro-Spinal Fever ...	...	...	...	...	...	...	...
3 Scarlet Fever ...	...	...	...	...	...	...	...
4 Whooping Cough ...	...	...	...	...	...	...	...
5 Diphtheria ...	...	...	1	...	...	...	1
6 Tuberculosis of Respiratory Organs ...	4	2	3	2	1	6	18
7 Other Tuberculous Diseases ...	2	...	...	...	1	1	4
8 Syphilitic Diseases ...	...	...	...	...	...	...	...
9 Influenza ...	...	...	...	2	...	...	2
10 Measles ...	...	...	...	...	...	...	...
11 Ac Polio-myel and Poli-encephalitis ...	...	1	...	...	...	...	1
12 Ac Inf. Encephalitis ...	...	...	...	...	...	...	...
13 Cancer of buc cav & oesoph (M) uterus (F) ...	...	2	1	...	...	...	3
14 Cancer of Stomach and duodenum ...	1	2	2	1	2	2	10



## Infectious Diseases.

There were 1,091 Notifications of the Statutory Notifiable Diseases, as against 449 in 1942, showing an increase of 642.

### Zymotic Mortality.

Out of 344 deaths from All Causes, there were four from the "Seven Principal Zymotic Diseases."

Small-pox 0; Scarlet Fever 0; Diphtheria and Membraneous Croup 1; Enteric Fever 0; Measles 0; Whooping Cough 0; and Diarrhoea and Enteritis 3.

These deaths correspond to an annual Zymotic Death Rate of 0'13, as compared with 0'1 for 1942.

Details as to the number of cases are given in the following table:—

### Zymotic Diseases, 1943.

		Notified Cases	Deaths	Case Fatal- ity per cent.	Death Rate	England and Wales
1	Small-pox ...	...	0	0	0	0'00
2	Scarlet Fever	...	33	0	0'00	0'00
3	Diphtheria	...	7	1	14'28	00'3
4	Enteric Fever	...	1	0	0'00	0'00
5	Measles ...	...	720	0	0'00	0'00
6	Whooping Cough	...	176	0	0'00	0'00
7	Diarrhoea and Enteritis (under 2 years)	...	0	3	0'00	5'1
Death Rate per 1,000 Births						

Total number of Deaths ... 4

Death Rate per 1,000 ... 0'13

The rate of attack of all Infectious Diseases was 37'58, while in 1942 it was 15'02.

**Scarlet Fever.**

		1943	1942	1941
Number of cases notified	...	33	106	99
Number of deaths	...	0	1	0
Death rate, Ebbw Vale...	...	0'00	0'03	0'00
England and Wales	...	0'00	0'00	0'00

**Diphtheria and Membraneous Croup.**

		1943	1942	1941
Number of cases notified	...	7	18	66
Number of deaths	...	1	0	2
Attack rate ...	...	0'24	0'6	2'12
Death rate, Ebbw Vale...	...	0'03	0'00	0'06
England and Wales	...	0'03	0'05	0'07

**Report of Diphtheria Immunization at Ebbw Vale,  
1943.**

The work of immunisation against Diphtheria is still being carried out in this area. The total number being immunised up to the present is 5,227. Of this number 1,159 were under 5 years of age and 4,068 were between the ages of 5 and 15 years.

**Enteric Fever (Including Para-Typhoid).**

		1943	1942	1941
Number of cases notified	...	1	0	4
Number of deaths	...	0	0	2
Attack rate ...	...	0'03	0'00	0'12
Death rate, Ebbw Vale	...	0'00	0'00	0'06
England and Wales	...	0'00	0'00	0'00

**Whooping Cough.**

		1943	1942	1941
Number of cases notified	...	176	85	294
Number of deaths	...	0	1	3
Attack rate ...	...	6'06	2'84	9'44
Death rate, Ebbw Vale...	...	0'00	0'03	0'09
England and Wales	...	0'03	0'02	0'06

**Ophthalmia Neonatorum.**

8 Cases of this disease were reported.

Notified	Cases		Vision Un-impaired	Vision Im-paired	Total Blind-ness	Deaths
	At Home	Treated In Hospital				
8	8	0	8	0	0	0

**Prevention of Blindness.****Public Health Act, 1936, Section 176.**

No action was taken by the Council under this Section during 1943.

**Measles.**

		1943	1942	1941
Number of cases notified	...	720	59	657
Number of deaths	...	0	0	0
Attack rate	...	2.48	1.97	21.05
Death rate, Ebbw Vale...	...	0.00	0.00	0.00
England and Wales	...	0.02	0.01	0.03

**Pneumonia.**

		1943	1942	1941
Number of Deaths *	...	23	12	30
Death rate, Ebbw Vale...	...	0.79	0.4	0.96

**Influenza.**

		1943	1942	1941
Number of deaths	...	10	7	17
Death rate, Ebbw Vale...	...	0.34	0.23	0.54

**Puerperal Pyrexia.**

		1943	1942	1941
Number of deaths	...	1	0	1
Death rate, Ebbw Vale...	...	0.03	0.00	0.03



### Tuberculosis.

47 Cases were notified during the year ; 37 being Pulmonary and 10 other forms.

18 Deaths occurred from Pulmonary Tuberculosis ; 6 males and 12 females.

5 Deaths occurred from other Forms ; these were males.

Doctors E. Aslett and H. A. Evans, Medical Officers of the Welsh National Memorial, attend Ebbw Vale every Tuesday and Thursday, and all suspicious cases are referred to them for their opinion.

Rate of attack, Ebbw Vale		1943	1942	1941
In Pulmonary Tuberculosis	...	1'27	1'61	1'28
Other Forms	... ..	0'34	0'57	0'57

*Report of Dr. E. Aslett, Tuberculosis Physician,  
upon Tuberculosis work in Ebbw Vale during the  
year ended 31st Dec., 1943.*

Patients from this district attend the Visiting Station, Workmen's Hall, Ebbw Vale. Attendance here is weekly, as the area served is a very large one.

Details of the cases in the district are as follows :—

Number of new cases examined	...	465
Number diagnosed as Pulmonary	...	32
Non-Pulmonary	...	7
Number of patients admitted to Hospital	...	23
Number of patients admitted to Sanatorium		13
Total number of cases seen at the Clinic	...	1,471

	Notifications New Cases				Deaths Notified Cases				Deaths Non-Notified Cases			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	...	...	...	...	...	...	...	...	...	...	...	...
Between 1 and 5 years	...	...	3	...	...	...	1	...	...	...	...	...
5 " 10 "	...	...	1	...	...	...	1	...	...	...	...	...
10 " 15 "	1	2	...	1	1	1	...	...	...	...	...	...
15 " 20 "	2	7	1	1	1	1	...	...	...	...	...	...
20 " 25 "	...	4	1	...	...	2	...	...	...	...	...	...
25 " 35 "	3	2	2	...	1	3	1	...	...	...	1	...
35 " 45 "	1	1	...	...	...	3	...	...	1	...	...	...
45 " 55 "	3	2	...	...	1	2	...	...	...	...	...	...
55 " 65 "	1	...	1	...	...	...	...	...	...	...	...	...
Over 65 "	3	...	...	...	1	...	...	...	...	...	...	...
	19	18	9	1	5	12	3	...	1	...	1	...

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The notification of T.B. cases on the whole is satisfactory. When notification is not sent, the doctors' explanation invariably is that they were under the impression it had been notified.

## Public Health (Prevention of Tuberculosis) Regulations, 1925.

Action taken under these Regulations relating to Tuberculous employees in the milk trade.

a. Action taken under Article 3	...	...	
b. Of the number of cases in which Notices have been served under Article 5	...	...	
c. Of the number of appeals (if any) under Article 6 and their results ; and	...	...	
d. Of the number of cases in which compensation has been paid, and its average amount	...	Nil	

## Public Health Act, 1936, Section 172.

Action taken by the Council under this Section during 1943

...	...	...	Nil
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### Erysipelas.

	1943	1942	1941
Number of cases notified	22	22	11
Attack rate, Ebbw Vale	0·76	0·73	0·35

### Encephalitis.

	1943	1942	1941
Number of cases notified	0	1	1
Attack rate, Ebbw Vale	0·00	0·03	0·03
Number of deaths	0	3	0
Death rate	0·00	0·01	0·00

## Acute Polio-Myelitis and Polio-Encephalitis.

	1943	1942	1941
Number of cases notified	1	1	1
Attack rate, Ebbw Vale	0·03	0·03	0·03
Number of deaths	1	0	0
Death rate	0·03	0·00	0·00

**Cerebro Spinal Meningitis.**

		1943	1942	1941
Number of cases notified	...	5	7	13
Attack rate, Ebbw Vale	...	0·17	0·23	0·41
Number of deaths	...	0	1	0
Death rate ...	...	0·00	0·03	0·00

### Memorandum.

The tabular statement shown below are figures submitted by the Registrar-General for the information of Local Medical Officers of Health. These are of certain Infectious Diseases which concerns the district as compiled from his returns. The second column gives the case rate per 1,000 population from the same diseases in England and Wales during the year 1943.

Disease	Notified cases in the District	Case Rate per 1,000 living England & Wales
Enteric Fever ...	0	0'01
Scarlet Fever ...	33	3'01
Whooping Cough	178	2'54
Diphtheria ...	7	0'88
Erysipelas ...	21	0'31
Small-pox ...	0	0'00
Measles ...	706	9'88
Pneumonia ...	75	1'34
Puerperal Pyrexia	3	11'68

TABLE VII.

## Analysis of Total Cases and Deaths of Infectious Diseases, 1943.

Disease	At all Ages		Cases Notified										Ward Distribution of Infectious Diseases						Removed to Hospital
	Under 1 year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	Over 65 years	N. Ward	Badminton W.	N.C. Ward	C. Ward	S. C. Ward	S. Ward	
Scarlet Fever...	33	1	2	3	8	16	1	1	1	...	...	...	7	2	7	5	7	5	1
Diphtheria ...	7	...	1	...	1	4	...	3	...	...	...	...	1	...	...	...	...	...	...
Pneumonia ...	68	8	1	4	1	6	...	10	10	3	10	14	38	11	...	...	...	...	...
Erysipelas ...	22	...	...	...	...	...	...	...	2	3	12	5	4	3	+	6	...	...	...
Ophthalmia Neonatorum	8	...	...	...	...	...	...	...	...	...	...	...	147	92	63	69	196	153	...
Measles ...	720	42	79	100	122	279	9	2	3	...	...	...	21	49	41	15	35	15	...
Whooping Cough	176	20	26	21	33	43	3	2	...	...	...	...	...	1	2	...	...	2	...
Cerebro-Spinal Fever	5	...	...	...	...	4	...	...	...	1	...	...	...	1	...	...	...	...	...
Colio-Encephalitis	1	...	1	...	...	...	...	...	...	2	1	...	2	1	...	...	...	...	...
Puerperal Pyrexia	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paratyphoid ...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1
	1044	79	121	110	128	165	13	9	18	8	22	19	224	163	124	101	250	182	14

## DEATHS.

Disease	AGE GROUPS.											
	Under 1 year	1-2 years	2-3 "	3-4 "	4-5 "	5-10 "	10-15 "	15-20 "	20-35 "	35-45 "	45-65 "	Over 65 years
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas...	..	..	..	..	..	..	..	..	..	..	..	..
Ophthalmia Neonatorum	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal Fever	..	..	..	..	..	..	..	..	..	..	..	..
Polio-Encephalitis	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Pyrexia...	..	..	..	..	..	..	..	..	..	..	..	..
Paratyphoid	..	..	..	..	..	..	..	..	..	..	..	..
	8	..	1	1	..	1	..	1	3	1	8	21

**Infantile Mortality.**

		1943	1942	1941
Number of deaths under 1 year	...	29	27	26
Number of births	... ..	588	570	617
Infantile Mortality per 1,000	...	49'32	47'37	42'13

There were 29 deaths amongst infants under 1 year, and the general total from All Causes was 344, so that 8'43 per cent. of the deaths of the population occurred in children under 1 year.

According to the Returns of the Registrar-General, there were 588 births during the year ; 569 legitimate, out of which 27 died, and 19 illegitimate with 2 deaths.

The number of births notified by the Local Registrar was 486, out of which 16 were illegitimate. Of this number 29 deaths occurred.



**TABLE VIII.** Infantile Mortality during the Year 1943.  
**Net Deaths from stated Causes at various ages under one year.**

Causes of Death	Under 1 week		1—2 weeks		2—3 "		3—4 "		Total under One Month		1—3 months		3—6 "		6—9 "		9—12 "		Total under One Year		Grand Total	
	Certified	Uncertified																				
All Causes :	9	...	2	...	2	...	...	...	13	...	7	...	5	...	1	...	3	...	16	...	29	...
1 Premature Birth	7	...	...	...	2	...	...	...	9	...	2	...	...	...	...	...	...	...	2	...	11	...
2 Congenital Debility	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Broncho-Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Pneumonia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 Bronchitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7 Suffocation ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Dentition ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Gastritis and Enteritis	...	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...
10 Inanition ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 Malnutrition	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 Intussusception	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Spina Bifida	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
14 Cerebro-spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15 Heart Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17 Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 All other Causes	1	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
	9	...	2	...	2	...	...	...	13	...	7	...	5	...	1	...	3	...	16	...	29	...

# **Infantile Mortality during the Year 1943. Distribution of Wards.**

Causes of Death	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Grand Total
1 Premature Birth	2	2	2	1	1	3	11
2 Congenital Debility	...	...	...	...	...	...	...
3 Convulsions	...	1	...	...	...	...	1
4 Broncho Pneumonia	2	...	...	1	1	...	3
5 Pneumonia ...	1	...	1	...	1	...	3
6 Bronchitis ...	...	...	...	...	1	1	2
7 Suffocation ...	...	...	...	...	...	...	...
8 Dentition ...	...	...	2	...	...	1	3
9 Gastritis and Enteritis	...	...	...	...	...	...	...
10 Inanition ...	...	...	...	...	...	...	...
11 Malnutrition	...	...	...	...	...	...	...
12 Intussusception	...	...	...	...	...	...	...
13 Spina Bifida	...	...	1	...	...	...	1
14 Cerebro-spinal Fever	...	...	...	...	...	...	...
15 Heart Disease	...	...	1	...	...	...	1
16 Diphtheria	...	...	...	...	...	...	...
17 Meningitis	...	...	...	...	1	...	1
18 All other Causes	...	...	...	1	...	1	2
	5	3	7	3	5	6	29

### Isolation Hospitals Report.

During the year 1943, the following cases were treated at the Ashvale Isolation Hospital, Tredegar, Bedwellty Isolation Hospital, Bargoed, and Cardiff Isolation Hospital.

Disease	Number of Cases	Number of Deaths
Diphtheria ...	7	1
Cerebro-spinal Fever ...	5	0
Paratyphoid ...	1	0
Scarlet Fever ...	1	0
Tuberculous Diseases ...	1	1
	<hr/> 15	<hr/> 2

Of the 15 cases notified, 7 were admitted to Bargoed, 7 to Tredegar, and 1 to Cardiff.

### Maternity and Child Welfare Centres

#### Ebbw Vale and Beaufort.

The figures are much the same as last year. These Centres are still greatly appreciated, as is evident by the attendance of mothers and children.

### Ambulance Facilities. Professional Nursing in the Home

#### Hospitals.

#### Midwives.

As reported in previous years.

### Sanitary Circumstances in the Area.

#### Water Supply.

#### Streams and Rivers.

#### Drainage Sewerage.

#### Closet Accommodation.

#### Scavenging.

As previously reported.

**Shops and Offices.****Mortuary.****Lodging-Houses.****Roads.****Schools.**

As previously reported.

**Industries.**

As previously reported.

**Housing Conditions.**

Statistics. Year ended December 31st, 1943.

**1. General.**

1. Estimated Population	...	...	...	—
2. General Death Rate	...	...	...	11'84
3. Death Rate from Tuberculosis	...	...	...	0'79
4. Infantile Mortality	...	...	...	29
5. Number of inhabited houses, 1921	...	...	...	6,299
6. Number of dwelling-houses of all classes, 1943	...	...	...	6,603
7. Number of new houses erected during the year	...	...	...	—
i. By the Local Authority	...	...	...	—
ii. By other bodies or persons	...	...	...	—

**Housing.**

The "Housing Question" is far from satisfactory, but as all building operations have been stopped, further reference to this matter can only be considered after the termination of hostilities.

**The Sanitary Administration and Conditions  
for the Year 1943.**

The following Table shows particulars of the work carried out by the Sanitary Staff.

TABLE A.

Occupied dwellings systematically inspected	...	...	...	607
Occupied dwellings re-inspected	...	...	...	169
Visits to premises for special nuisances	...	...	...	307
Re-visits	...	...	...	218

Visit to dirty verminous houses	...	...	157
Cowsheds	...	...	83
Dairies and Milkshops	..	...	69
Bakehouses	...	...	49
Butchers' Shops	...	...	452
Slaughterhouses	...	...	24
Fried Fish Shops	...	...	121
Fruit and Vegetable Shops	...	...	349
Common Lodging Houses	...	...	57
Factories	...	...	53
Stables	...	...	22
Urinals	...	...	97
Cinemas	...	...	71
Schools	...	...	210
Pigstyes	...	...	39
Waterworks	...	...	20
Workshops (including Bakehouses	...	...	99

### **Cowsheds.**

As previously reported.

### **Milk Supplies.**

As previously reported.

### **Milk and Dairies Order.**

Remarks as in previous Report.

Number of Cowsheds on Register	...	9
Number of Retail Purveyors	...	32
Number of Wholesalers	...	0
Licenced to sell Pasteurised	...	4

### **Slaughterhouses.**

24 Visits were paid to the Slaughterhouses in the district

## **Prevalence of, and Control over Infectious Diseases.**

### **Infectious Diseases Generally.**

Every possible action is taken to check the spread of infection when the occasion arises, and particular note taken to trace source of infection when necessary.

### **Eradication of Bed Bugs.**

Action taken where and when necessary.

## Food Inspection.

The following articles of food found unfit for human consumption were destroyed by fire or buried :

### Meat—

Beef	...	...	194 lbs.
Pork	...	...	67 lbs.
Lamb	...	...	43 lbs.

### Tinned Goods—

Prepared Meat	...	...	132 tins
Milk	...	...	214 tins
Fish	...	...	174 tins
Fruit	...	...	380 tins

### Miscellaneous—

Fruit	...	...	16 lbs.
Cooked Meats	...	...	140 tins
Pickled Onions	...	...	38 bottles
Fish	...	...	22 boxes
Potatoes	...	...	18 cwt.
Onions	...	...	55 lbs.
Sugar	...	...	34 lbs.
Lentils	...	...	659 lbs.
Cheese	...	...	114 lbs.
Butter	...	...	135 lbs.

## Factories and Workshops.

These premises were visited during the year and the summary of the administrations is given below :

### 1.—Inspections.

Premises	Inspections	Written Notices	Occupiers Prosecuted
Factories, with mechanical power	7	0	0
Factories, without     ,,     ,,	16	0	0
Other Premises     ...     ...	32	0	0
	55	0	0



## 2.—Defects Found.

Particulars			Number of Defects		
			Found	Remedied	Referred to H.M. Inspector In respect of which Prosecutions were Instituted
Want of Cleanliness	...	...	6	6	0
Overcrowding	...	...	0	0	0
Unreasonable Temperature	...	...	0	0	0
Inadequate Ventilation	...	...	0	0	0
Ineffective Drainage of Floor...	...	...	0	0	0
Sanitary Accommodation—					
Insufficient	...	...	0	0	0
Unsuitable or Defective	...	...	0	0	0
Not separate for Sexes	...	...	0	0	0
Other Offences	...	...	0	0	0
			6	6	0

**Registered Workshops.**

3.—Homework (Registered)			Number
Dressmakers and Milliners	...	...	3
Shoemakers and Repairers	...	...	11
Tailors	...	...	1
Wheelwrights and Carpenters	...	...	9
Bakehouses (Retail)	...	...	12
Laundries	...	...	1
Motor Repairers	...	...	4
Printers	...	...	1
Undertakers...	...	...	4
Saddlers and Harness Makers	...	...	1

## Education Committee.

Chairman	-	-	-	Councillor J. Norton.
Vice-Chairman	-	-	-	Councillor S. Gale.

All Members of the Council compose the Committee, together with the following Co-opted Members :—

Mr. E. H. Jones  
Mrs. Evans  
Mr. H. J. Warren.

## Medical Department.

School Medical Officer	-	F. M. Fonseca, F.R.C.S.I., D.P.H.
Ophthalmic Surgeon	-	C. Jacobs, M.C., M.D., B.S.
Orthopaedic Surgeon	-	N. Rocyn Jones, M.D. (CANTAB.), F.R.C.S. (EDIN.)
Dentist	-	W. S. Hazell, L.D.S. (ENG.)
School and Clinic Nurse	-	Miss A. Ajax, S.R.N., C.M.B.
School and Clinic Nurse	-	Mrs. E. Frazer, S.R.N., C.M.B.
School and Clinic Nurse	-	Miss N. Bevan, S.R.N.
Clerk	-	Miss G. G. Owen
Clerk	-	Miss I. Aubrey

Ladies and Gentlemen,

During the year ended 31st December, 1943, one thousand, eight hundred and fifty one children with the additional eight hundred and forty eight special cases were examined in the different groups under your Authority.

## Ophthalmic Surgeon's Report.

During the year ended December 31st, 1943, I examined the eyes of 266 children. There was a further decrease in the number and severity of cases of external eye diseases, and diseases due to malnutrition were practically absent. Parents take a real interest in the examination of their children and their co-operation is invaluable. Glasses were prescribed where necessary and treatments were carried out very efficiently in the School Clinic.



## Orthopaedic Surgeon's Report.

The Orthopaedic Clinic has been held monthly as usual during the past year. Parents seem increasingly anxious to have their children examined and treated, if treatment is needed. The services of Mr. Harrison have continued to be used and add much to the effectiveness of the Department's work.

One of the inevitable difficulties now is the provision of suitable shoes. Many of the patients wear their footwear even harder than the normal child. Delays are inevitable in the provision and repair of instruments.

I am indebted again to the members of the Health Department, Clerical, nursing and Dr. Fonseca for their continued interest and help.

Number of individual cases examined during the year	37
Number of examinations (including re-examinations)	84
Number of children admitted to Hospital for treatment	6
Number who visited Mr. Harrison for remedial exercises and other treatment	17

## Orthopaedic Cases treated at the Prince of Wales Hospital, Cardiff.

There were 13 cases of various nature treated at the above Hospital. 6 received indoor treatment, and on discharge were supplied with the necessary appliances. 7 were seen as outdoor patients, one of whom received an artificial limb. 7 children were supplied with appliances, alterations to shoes, etc., without attending the Hospital.

## Dentist's Report.

The only noticeable difference in the work of the Dental Clinic is the diminished number of Evacuees treated. Parents express much appreciation at the results of the Regulating Appliances supplied by the Committee for remedying misplaced and unsightly teeth. Otherwise there is nothing to report.

## Report of the N.S.P.C.C. Inspector.

Inspector A. E. H. Jones.

Neglect	Advice given	Ill-treat- ment	Other Complaints
11	3	1	4

Of the 19 cases, 74 children were affected.

### Swimming Instruction.

This was obtained during the Summer months as in previous months.

### Children temporarily excluded from School during the Year ended 31st December, 1943.

12 children were excluded during the year for various causes under the above Code.

### Co-operation of Teachers, Attendance Officers and Parents.

This continues in the same satisfactory manner.

### Medical Inspection and Treatment Returns, Year ended 31st December, 1943.

**Table I.**

Medical Inspections of Children attending Public  
Elementary Schools.

#### A.—Routine Medical Inspections.

1.—Number of Inspections			
Entrants	...	...	471
Second Age Group	...	...	504
Third Age Group	...	...	421
			<hr/>
Total	...	...	1396
			<hr/>
2.—Number of other Routine Inspection			
		...	455
Grand Total	...	...	1851
			<hr/>

#### B.—Other Inspections.

Number of Special Inspections and Re-Inspections	848
--	-----



**Table III.****Group I—Treatment Minor Ailments.**

(excluding Uncleanliness).

Total number of Defects treated or under treatment during the year under the Authority's Scheme	...	736
---	-----	-----

**Group II.****Treatment of Defective Vision and Squint.**

			Under the Authority's Scheme
Error of Refraction (including squint)	...	...	225
Other defects or disease of the eyes (excluding those recorded in Group I.)	...	...	41
Total	...	...	<hr/> 266
No. of Children for whom spectacles were—			
a. Prescribed	...	...	131
b. Obtained	...	...	23

**Group III.****Treatment of Defects of Nose and Throat.**

Received Operative Treatment	...	...	Nil
Received other forms of Treatment	...	...	Nil
Total number Treated	...	...	<hr/> Nil

**Table IV.****Dental Inspection and Treatment.**

1. Number of children inspected by the Dentist—			
a. Routine age-groups	...	...	1855
b. Specials	...	...	306
c. Total, Routine and Specials	...	...	<hr/> 2161
2. Number found to require treatment	...	...	1249
3. Number actually treated	...	...	909
4. Attendances made by children for treatment	...	...	1432

5.	Half-days devoted to :—Inspection	...	...	13
	Treatment	...	...	114
	Total	...	...	127
6.	Fillings :—Permanent Teeth	...	...	203
	Temporary Teeth	...	...	0
	Total	...	...	203
7.	Extractions :—Permanent Teeth	...	...	479
	Temporary Teeth	...	...	1754
	Total	...	...	2233
8.	Administrations of general anæsthetics for extractions			821
9.	Other Operations :—Permanent Teeth	...	...	0
	Temporary Teeth	...	...	0
	Total	...	...	0

Table V.

**Verminous Conditions.**

i.	Average number of visits per school made during the year by the School Nurses or other authorised persons	...	...	...	...	9
ii.	Total number of examinations of children in the Schools by School Nurses or other authorised persons	...	...	...	...	17,999
iii.	Number of individual children found unclean	...				520
iv.	Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921	...				364
v.	Number of cases in which legal proceedings were taken :—					
	a. Under the Education Act, 1921	...				0
	b. Under the School Attendance Byelaws	...				0

**Table VI.**  
**Blind and Deaf Child.**

Number of totally or almost totally blind and deaf children who are not at the present time receiving education suitable for their special needs. The return should relate to all such children including evacuees resident in the authority's area.

		Blind Children	Deaf Children
1.	At a Public Elementary School ...	0	1
2.	At an Institution other than a Special School ... ..	0	0
3.	At no School or Institution ...	0	0

**Table VII.**  
**School Medical and Dental Staff.**

Name of Officer	Proportion of whole time devoted to School Medical Service	Public Health
S.M.O.—Fonseca, Frank Muller, F.R.C.S., D.P.H.	Half	Half
A.S.M.O.'s—Jacobs, C., M.C., M.D., B.S. (Ophthalmic Surgeon), Approx 13 sessions 20 cases per session	Part-time	
Rocyn Jones, N., M.D. (CANTAB) F.R.C.S. (EDIN.), Ophthopædic Surgeon. 11 sessions per year (Once a month, Aug. excepted)	Part-time	
Senior Dentist— Hazell, W. S., L.D.S. (ENG.) ...	Part-time 3 sessions per week	

**School Nursing Staff.**

Excluding Specialist Nurses such as Orthopædic Nurses.

	Number of officers	Aggregate of time given to S.M.S. work in terms of whole time officers.
School Nurses	3	Whole Time
District Nurses	0	0
Nursing Assistants	0	0
Dental Attendants	0	0



TABLE IV.  
**Local Average Heights and Weights compared with  
National Average.**

Classifi- cation	Age last birthday in years	Sex	No. In- spected	National Averages		Local Averages	
				ft	in.	ft	in
Entrants	3	M	...	2	11	..	..
	3	F	...	2	10	...	...
	4	M	...	3	1	...	...
	4	F	...	3	0	...	...
	5	M	232	3	4	3	6
	5	F	207	3	3	3	5
	6	M	18	3	7	3	8
	6	F	14	3	6	3	8
	Other Ages	M	...	...	...	...	...
		F	...	...	...	...	...
	Total	M	250				
		F	221				
Leavers	12	M	217	4	7	+	8
	12	F	197	4	7 $\frac{1}{2}$	+	7
	13	M	1	4	9	+	6
	13	F	5	4	9 $\frac{3}{4}$	5	1
	14	M	1	4	11 $\frac{1}{4}$	+	11
	14	F	...	4	11 $\frac{3}{4}$	...	...
	Other	M	...	...		...	...
	Ages	F	...	...		...	...
	Total	M	219				
		F	202				
Intermediate Groups	8	M	259	3	11	+	1
	8	F	245	3	10 $\frac{1}{2}$	+	0
	11-12	M	...	4	5 $\frac{1}{2}$	...	...
	11-12	F	...	4	5	...	...
	Other Routine	M	229			3	10
		F	226			3	11



TABLE IV.

Local Average Heights and Weights compared with  
National Average. B. Weights.

Classifi- cation	Age last birthday in years	Sex	No. In- spected	National Averages		Local Averages	
				st	lb.	st	lb.
Entrants	3	M	...	2	6	..	..
	3	F	...	2	3 $\frac{1}{2}$	...	...
	4	M	...	2	9	...	...
	4	F	...	2	8	...	...
	5	M	232	2	12	3	1
	5	F	207	2	11	2	13
	6	M	18	3	2 $\frac{1}{2}$	3	3
	6	F	14	2	13 $\frac{3}{4}$	3	2
	Other Ages	M	...	...	...	...	...
		F	...	...	...	...	...
	Total	M	250				
		F	221				
Leavers	12	M	217	5	6 $\frac{3}{4}$	5	7
	12	F	197	5	6 $\frac{1}{2}$	5	6
	13	M	1	5	12 $\frac{1}{2}$	5	0
	13	F	5	6	3	6	4
	14	M	1	6	8	6	0
	14	F	...	6	12 $\frac{3}{4}$	...	...
	Other Ages	M	...	...	...	...	...
		F	...	...	...	...	...
	Total	M	219				
		F	202				
Intermediate Groups	8	M	259	3	13	4	2
	8	F	245	3	10	3	12
	11-12	M	...	5	2	...	...
	11-12	F	...	4	12	...	...
	Other Routine	M	229			3	6
		F	226			3	9

### **Conclusion.**

Much still remains to be done, but owing to prevailing circumstances during the past few years caused by hostilities, several of my recommendations could not be achieved. I would suggest, that where possible, such improvements that are within reach, should be carried out.

I take this opportunity of thanking my colleagues and the Officials with whom I have come in contact, for their generous co-operation during the course of my duties.

F. M. FONSECA, F.R.C.S.I., D.P.H.

Medical Officer of Health and  
School Medical Officer.



